

Converting Colors

Hex(7F72A5)

Have a look what the booklet for
Hex(7F72A5) contains.

Hex(7F72A5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7F72A5)

Conversions

Conversions Part 1

Format	Color
Hex	7F72A5
RGB	127, 114, 165
RGB Percent	50%, 45%, 65%
CMY	0.5020, 0.5529, 0.3529
CMYK	0.23, 0.31, 0.00, 0.35
HSL	255°, 22%, 55%
HSV	255°, 31%, 65%
XYZ	21.5612, 19.2633, 38.1791
YIQ	123.7010, -8.6230, 18.6170

Conversions

Conversions Part 2

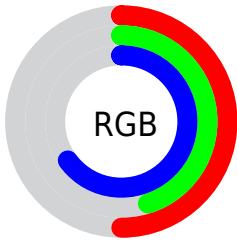
Format	Color
R_{YB}	127, 114, 165
Decimal	8352421
CIE _{Lab}	50.99, 16.17, -25.53
CIE _{LCh}	51, 30.219, 302.360
Yxy	19.2633, 0.2729, 0.2438
Android (android.graphics.Color)	4286542501 (0xFF7F72A5)
YUV	123.7010, 20.3604, 2.8932
Hunter-Lab	43.8899, 10.8820, -20.8524

Details

The Hex color **7F72A5** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **98A572**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **B5A6DC**, and **4D4271** is the 20% darker color. If you saturate the color by 10%, you get **7362A5**, and if you desaturate by 10%, it is **8B83A5**.

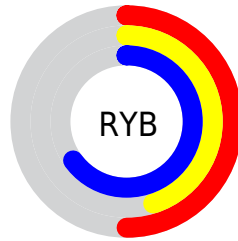
Distribution



Red (50%)

Green (45%)

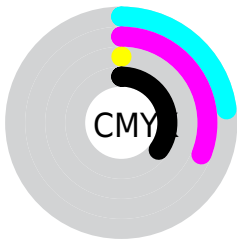
Blue (65%)



Red (50%)

Yellow (45%)

Blue (65%)

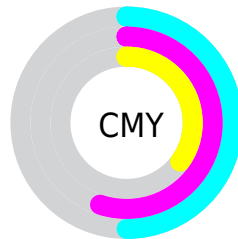


Cyan (23%)

Magenta (31%)

Yellow (0%)

Black (35%)



Cyan (50%)

Magenta (55%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F72A5 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 7F72A5 by changing the saturation by 10% instead.

7F72A5

7F72A5

FFFFFF

65598B

B5A6DC

4D4271

D0C1F9

352C58

EDDDFF

1D1741

FFFAFF

0B002B

000115

000000

7F72A5

7F72A5

7362A5

8B83A5

6651A5

9893A5

5A41A5

A4A3A5

4E30A5

B0B4A5

421FA5

BCC4A5

350FA5

C9D5A5

2A00A5

D5E5A5

E1F6A5

EEFFA5

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



577BAD



7F72A5



9C6992

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



7F72A5



9E704C



29877B

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



7F72A5



98A572

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4E8561



7F72A5



887945

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



7F72A5



AA685F



6D804D



008694

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



7F72A5



A76681



6D804D



368772

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



7F72A5



C8C3D6



7298A5



625F6B



EBEBEB



6B6B6B

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



7F72A5



9B87D6



9872A5



4C4952



250091



050012

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



A57298



D687C2



7FA572



524950



91006C



12000D

Previews

White Background



This preview shows how the Hex color 7F72A5 looks on a white background.

Color Contrast Check

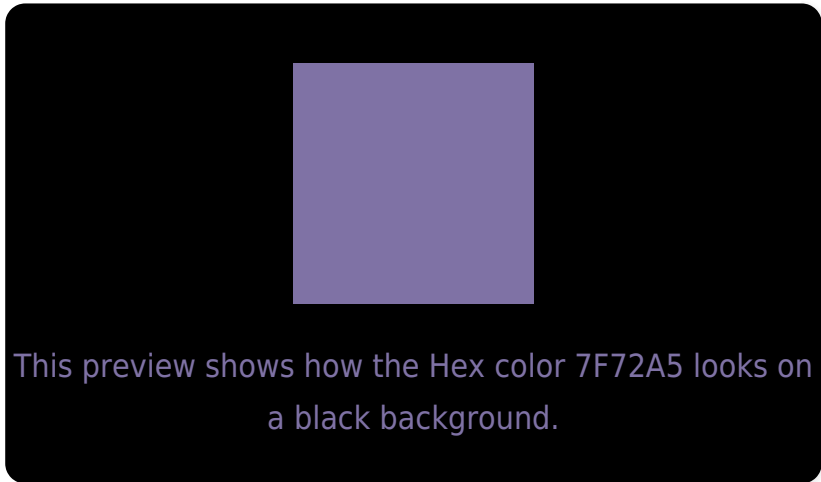
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

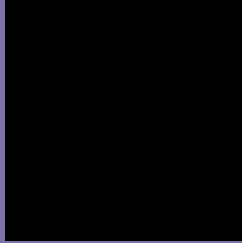
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 7F72A5 Background



This preview shows how black text looks on a background with the Hex color 7F72A5.

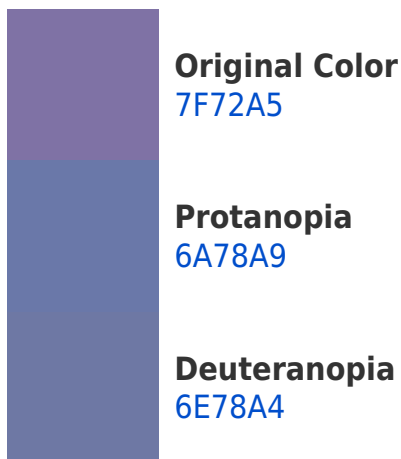


This preview shows how white text looks on a background with the Hex color 7F72A5.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
797982

Trichromacy



Original Color
7F72A5

Protanomaly
7276A8

Deuteranomaly
7476A4

Tritanomaly
7B768F

Monochromacy



Original Color
7F72A5

Achromatopsia
7C7C7C

Achromatomaly
7D788B

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F72A5 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #7F72A5 looks like.

```
.text, #text, p{  
    color:#7F72A5  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #7F72A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F72A5
}
```

Border

The CSS property to change the border of an element to Hex 7F72A5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

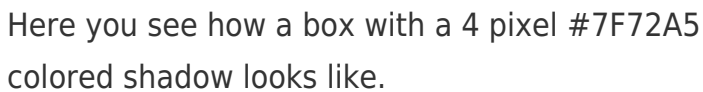
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F72A5 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#7F72A5 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #7F72A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F72A5; -webkit-box-shadow:4px 4px  
4px 4px #7F72A5; box-shadow:4px 4px 4px  
4px #7F72A5 }
```

Background

The CSS property to change the background color of an element to Hex 7F72A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F72A5 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#7F72A5 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor